

## HOW TO READ THE ASBESTOS LOG

In order for employees to learn how to know if materials in a building contain asbestos, refer to the “Asbestos Log – Summary of Asbestos Testing and Abatement” for the following scenarios.

ASBESTOS LOG - Summary of Asbestos Testing and Abatement

in Facilities Maintained by the General Services Division, SC Budget and Control Board

As of 2/15/2012

**This Log is Only a Summary**

Detailed information can be found in the Asbestos Operations & Maintenance Manual for each building prepared by Davis & Floyd (D&F)

Example: This log only lists "Ceiling Tile" which is looked at collectively whereas the O&M Manual will list test results for each type of ceiling tile

NOTE: The Drywall Joint Compound found positive for asbestos (+) in surveys prior to 2010 has to include the drywall (sheetrock) throughout the building since the joint compound and drywall (sheetrock) can no longer be analyzed as a composite (per SC DHEC Memorandum, 3 Mar 2010)

or  - Need to look at both results as materials are commonly used together

**Test Results: (-) Negative / No Asbestos    (+) Positive / Asbestos Containing Material**

\* - See Remarks

Changes since last revision are in Red

BUILDING NUMBER	FACILITY NAME	ADDRESS	Materials that typically contain asbestos																REMARKS
			THERMAL SYSTEM INSULATION	TSI-MASTIC	FIREPROOFING	KALO	AIR CELL	ELBOWS/TEES/VALVES (CEMENT)	CEILING TILE/PANELS	SHEET ROCK / GYPSUM BOARD	DRYWALL JOINT COMPOUND ##	PLASTER	WINDOW GLAZE / CAULK	VINYL FLOOR TILE	VINYL FLOOR TILE-MASTIC	BASEMOLDING	BASEMOLDING-MASTIC	OTHER	

The employee discovers or it is reported that there is some damaged materials and debris that his/her Lead Worker/Supervisor orders to be cleaned up.

### 1. Ceiling Tile in the Brown Bldg.

- Buildings are listed in rows alphabetically by building name. Find the row for the Brown Bldg. (page 2, 1<sup>st</sup> row)
- Typical asbestos containing materials are listed in columns. Find the column for Ceiling Tile (7<sup>th</sup> column)
- Where the row and column meet will inform you whether the material is present and has been tested by the indication of a plus or negative sign. What is indicated for ceiling tile in the Brown Bldg.?



- (-) Negative / No Asbestos

### d. Can you clean up this material?

- Yes, there is no asbestos.

2. Ceiling Tile in the basement of the Wade Hampton Bldg.

- a. Find the row for the Wade Hampton Bldg. (last page -10, 2<sup>nd</sup> (last) row)
- b. Find the column for Ceiling Tile (7<sup>th</sup> column)
- c. What is indicated for ceiling tile in the Wade Hampton Bldg.?

- An asterisk ( | \* | ), which means look in the Remarks column.

D&F 6/88 & 7/97 See Reports.

\* CT (-) except 2x4 CT in Basement corner hallway (+). Not present

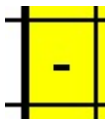
“CT (-)” means the ceiling tile is negative (contains no asbestos). However, there is an exception where the 2 by 4 ceiling tile in the corner hallway of the basement is “(+)” positive (contains asbestos).

- d. Can you clean up this material?
  - Maybe but for now Stop Work as your job may contain asbestos. Ask your supervisor to confer with JP Gouffray, the Asbestos Control Manager, to see if there is asbestos present in your location, style and type of ceiling tile.
- e. Is there anything else that needs to be done?
  - i. Cordon off the area with home-made or “Caution – Wet Floor” signs, barricade tape or cones.
  - ii. Notify the supervisor who notifies the BCB Asbestos Control Manager.
  - iii. The BCB Asbestos Control Manager will verify whether the material contains asbestos.
    - If the material does not contain asbestos, the employee can be instructed to clean up the debris.
    - If the material contains asbestos, the BCB Asbestos Control Manager will obtain a licensed asbestos contractor to conduct the cleanup and disposal, and he may instruct to take further protective measures.

## ASBESTOS AWARENESS

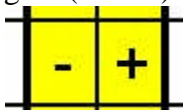
### 3. Vinyl Floor Tile in the Job Service (DEW) Bldg.

- Find the row for the Job Service Bldg. (page 7, next to last row 9)
- Find the column for Vinyl Floor Tile (12<sup>th</sup> column)
- What is indicated for Vinyl Floor Tile in the Job Service Bldg.?

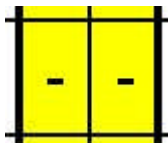


- Negative / No Asbestos

- Can you clean up/work with this material?
  - Maybe. Vinyl Floor Tile is special in that it has to be glued down so before we can answer we have to look at the glue.
- Look in the column just to the right of Vinyl Floor Tile. What is indicated for the glue (mastic) for the Vinyl Floor Tile in the Harden St Bldg.?



- (+) Positive (the vinyl floor tile mastic (glue) contains asbestos)
  - Since the Vinyl Floor Tile and its glue must be looked at together
    - If either one is positive (+), then the employee is to **STOP WORK** and notify his/her supervisor and go through the process for confirming asbestos and getting an asbestos cleanup contractor if necessary.
    - The employee can work with the material **ONLY IF** the Vinyl Floor Tile and its glue are **BOTH NEGATIVE**.
- So, can you clean up the Vinyl Floor Tile in the Job Service Bldg.?
    - No, though the Vinyl Floor Tile is negative, the glue is positive?
  - Let's go to the Harden St. Bldg. (same page a few lines up). Can you clean up the Vinyl Floor Tile in the Harden St Bldg.?



- Yes, both the Vinyl Floor Tile and its glue are negative.

4. Sheetrock/Gypsum Board in the Blatt Bldg.

- a. Find the row for the Blatt Bldg. (page 1, last row 6)
- b. Find the column for Sheetrock (8<sup>h</sup> column)
- c. What is indicated for Sheetrock in the Harden St Bldg.?
  - (-) Negative / No Asbestos
- d. Sheetrock also has Drywall Joint Compound (or “Mud”) associated with it to fill in the cracks between sheets when installed. Look at the column just to the right of Sheetrock for its Drywall Joint Compound. What is indicated for Drywall Joint Compound in the Harden St Bldg.?
  - (-) Negative / No Asbestos
- e. Can you clean up this material?

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- Yes, both the Sheetrock and its Drywall Joint Compound are negative.

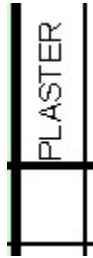
5. Base Molding in the Rutledge Bldg.

- a. Find the row for the Sumter St. Bldg. (page 8, row 4)
- b. Find the column for Base Molding (14<sup>th</sup> column)
- c. Can you clean up this material?
  - Base Molding and its glue (mastic) are grouped like Sheetrock and its Drywall Joint Compound, and Vinyl Floor Tile and its glue, BCB employees are not to clean up Base Molding debris from the Rutledge Bldg. Though the Base Molding tested negative, the glue was positive.

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## ASBESTOS AWARENESS

6. Plaster in the Adjutant General Bldg. (page 1, row 1, column 10)



- a. There is a blank (no +/positive or -/negative) which means the material has not been tested.
- b. Can you clean up this material?
  - No. Stop Work and ask your supervisor to contact JP Gouffray, the Asbestos Control Manager for instruction.
    - The material may be assumed to contain asbestos or...
    - It may be tested and you have to wait for the results of the test or...
    - Check the Remarks to see if this is a new building (such as the Archives and History Bldg., next row) where all building materials used were asbestos free.

### CONCLUSION:

By now you should be able to refer to the Asbestos Log and determine whether the material you are working with in a specific building contains asbestos or not. You may work with the material if the log indicates there is NO asbestos in that material. Any other time (the Asbestos Log indicates Asbestos is in the material or there is no indication, i.e., there is a blank), stop work and ask your supervisor for instruction from the Asbestos Control Manager.

Since the Asbestos Log is not as specific as the building's Asbestos Operations and Maintenance (O&M) Manual, even if the Log indicates asbestos, the type of material may not actually contain asbestos so you can be cleared to work with it or do a clean up. Example: The Asbestos Log indicates all ceiling tiles in your building contain asbestos but the log groups all styles of ceiling tile into one category whereas the Asbestos O&M Manual for each building will list each style of ceiling tile separately. Therefore, Pattern A (4' x 4') ceiling tile may contain asbestos while the ceiling tile you have to clean up is from Pattern Z (2' x 4') ceiling tile which does not contain asbestos.

**Further Questions** after checking the Asbestos Log as to whether any material contains asbestos are to be referred to:

JP Gouffray  
BCB Asbestos Control Manager  
WP 737-8038  
Cell 803-223-1004